

Instruction Menu

Overview

The TX transceiver (model no. MHD-61S2SHF-SD) is able to accept an HD-SDI signal-in and transforms it to HDVI and SDI loop –out. In addition, it equipped SFP slot which allow HD video transmitting over the fiber-optic for very long-distance

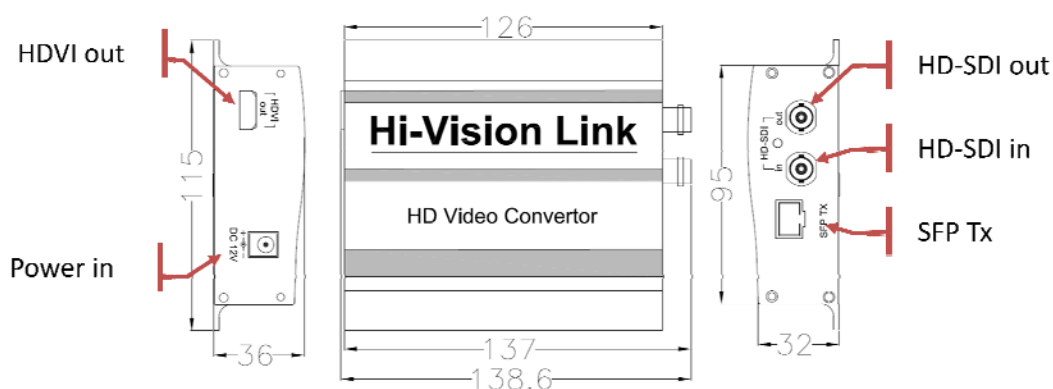
Main Features:

- ✓ Built-in SFP (fiber optic) slot
- ✓ Converts HD-SDI to HDVI or SFP in real time
- ✓ Built-in Equalizer and Re-clock
- ✓ HD-SDI loop out
- ✓ Support Video-out 720p 50/60, 1080i 50/60, 1080p25/30

Specifications:

Item	I/O	Description
	BNC -Inputs	HD-SDI (SMPTE 292M) Supported Video-in ,720p 50/60, 1080i 50/60,1080p25/30
	BNC-Outputs	HD-SDI (SMPTE 292M) Supported Video-out ,720p 50/60, 1080i 50/60,1080p25/30
	HDVI –Outputs	Supported Video-out ,720p 50/60, 1080i 50/60,1080p25/30 Without Audio
	SFP- Outputs	SFP slot without Fiber SFP transceiver module
	Power supply-in	DC 12V Regulated/ 300mA

Dimension (Unit: mm):



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Overview

The Rx receiver (model no. MHD-61F2SH-SD) is able to accept an HD SFP (Optic fiber)-in and transforms it to HDVI and HD-SDI .

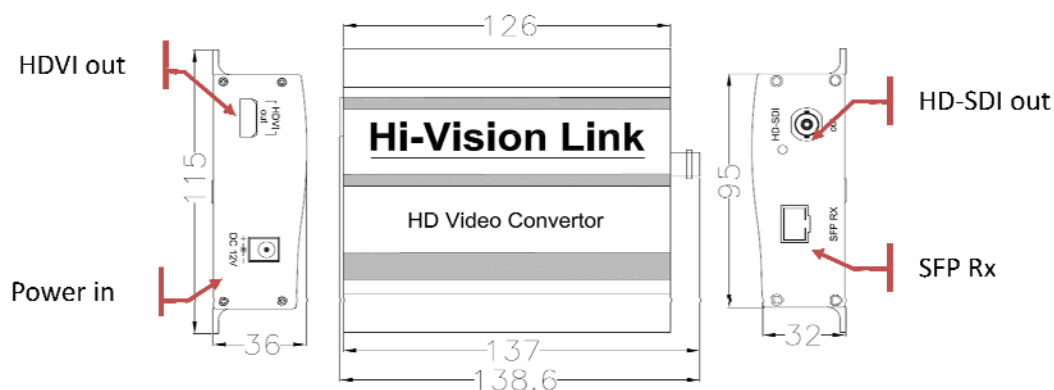
Main Features:

- ✓ Built-in SFP (fiber Optic) slot
- ✓ Output HD-SDI/HDMI
- ✓ Converts SFP (fiber Optic) to HD-SDI and HDVI in real time
- ✓ Support Video-out 720p 50/60, 1080i 50/60, 1080p25/30

Specifications:

Item	I/O	Description
1	BNC-Outputs	HD-SDI (SMPTE 292M) Supported Video-out,720p 50/60, 1080i 50/60,1080p25/30
2	HDVI –Outputs	Supported Video-out 720p 50/60, 1080i 50/60,1080p25/30 Without Audio
3	SFP- Inputs	SFP slot without Fiber SFP Receiver module
4	Power supply-in	DC 12V Regulated/ 300mA

Dimension (Unit: mm):



SFP Application Notes

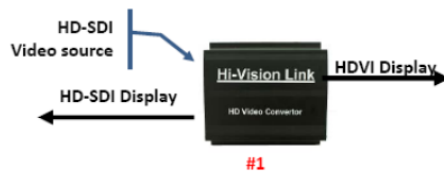
Scope:

This solution allows the transport of HD-SDI over distances up to 80km using standard a fiber optic cable with depend on your choice SFP module mode

Application guide :

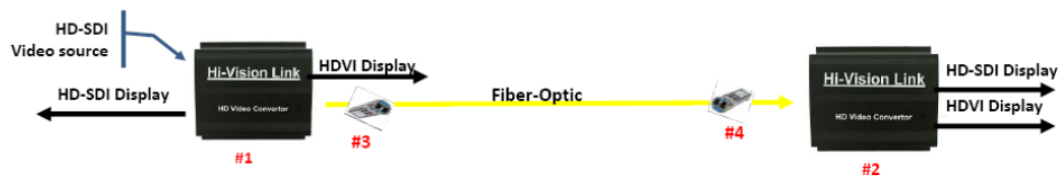
Case 1:

Able to convert HD-SDI to HDVI and HD-SDI loop-out as typical converter:



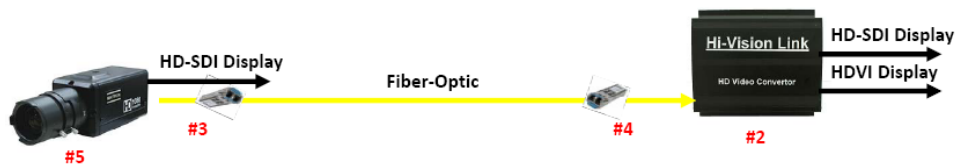
Case 2:

Able to extend transiting distance by SFP module with Transceiver box



Case 3:

Enable HD-video transmission over Fiber optic without Transceiver box



#1 SFP TX Transceiver Box

#2 SFP RX Receiver Box

#3 TX SFP fiber HD Video Module

#4 RX SFP fiber HD Video Module

#5 HD-SDI/SFP type cameras

Accessories:

Part of available HD SFP Camera: contact with your sales man